

What is claimed is:

1. An optical adaptor that is detachably installed at the tip of an endoscope insertion section having a light receiving section at the tip thereof, said optical adapter comprising;  
5 an optical system which forms an image in said light receiving section; and  
an information device containing at least one of information for identifying itself  
and optical characteristic information.

2. An optical adaptor according to claim 1, wherein said information device is an  
10 identification IC chip.

3. An endoscope device comprising;  
an endoscope insertion section having a light receiving section at the tip thereof;  
an optical adaptor that is detachably installed at the tip of said endoscope  
15 insertion section, and having an optical system which forms an image in said light  
receiving section, and an information device containing at least one of information for  
identifying itself and optical characteristic information ; and  
a reading section which is installed in the tip of said endoscope insertion section  
and obtains said information.

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4. An endoscope device according to claim 3, wherein reading of said information  
from said optical adaptor to said reading section is performed by wireless transmission.

5. An endoscope device according to claim 4, wherein  
25 said optical adaptor comprises an identification IC chip,

said reading section comprises an antenna, and  
reading of said information is performed by said wireless transmission between  
said identification IC chip, and said antenna.

5     6.     An endoscope device according to claim 3, wherein  
said optical adaptor comprises a joining terminal,  
said reading section comprises a joining terminal, and  
reading of said information from said optical adaptor to said reading section is  
performed via a connection between the joining terminal of said optical adaptor and the  
10    joining terminal of said reading section.

7.     An endoscope device according to claim 6, wherein  
said optical adaptor comprises an identification IC chip, and  
reading of said information is performed via said connection between a joining  
15    terminal of said identification IC chip and the joining terminal of said reading section.

8.     An endoscope device according to claim 3, wherein  
said optical adaptor comprises a coil,  
said reading section comprises a coil, and  
20    reading of said information from said optical adaptor to said reading section is  
performed by reading a resonance frequency between the coil of said optical adaptor and  
the coil of said reading section.

9.     An endoscope device according to claim 3, wherein  
25    said optical adaptor comprises a resistor, and

reading of said information from said optical adaptor to said reading section is performed by reading electrical resistivity of said resistor.

10. An endoscope device according to claim 3, wherein

5 reading of said information from said optical adaptor to said reading section is performed by reading a concave or convex shape formed in said optical adaptor.

11. An endoscope device according to claim 3, wherein

said optical adaptor comprises a magnetic material, and

10 reading of said information from said optical adaptor to said reading section is performed by reading a flux level of said magnetic material.

12. An endoscope device according to claim 3, wherein

said optical adaptor comprises an information display section, and

15 reading of said information from said optical adaptor to said reading section is performed by reading information of said information display section.

13. An endoscope device comprising:

a main body;

20 an endoscope insertion section, which is connected to the main body and has a light receiving section at the tip thereof;

an optical adaptor that is detachably installed at the tip of said endoscope insertion section, and having an optical system which forms an image in the light receiving section, and an information device containing at least one of information for  
25 identifying itself and optical characteristic information ; and

a reading section which is installed in said main body and obtains said information from said optical adaptor.

14. An endoscope device according to claim 13, wherein reading of said information from said optical adaptor to said reading section is performed by wireless transmission.

15. An endoscope device according to claim 14, wherein  
said optical adaptor comprises an identification IC chip,  
said reading section comprises an antenna, and  
reading of said information is performed by said wireless transmission between  
said identification IC chip, and said antenna.

16. An endoscope device according to claim 13, wherein  
said optical adaptor comprises a joining terminal,  
said reading section comprises a joining terminal, and  
reading of said information from said optical adaptor to said reading section is  
performed via a connection between the joining terminal of said optical adaptor and the  
joining terminal of said reading section.

17. An endoscope device according to claim 16, wherein  
said optical adaptor comprises an identification IC chip, and  
reading of said information is performed via said connection between a joining  
terminal of said identification IC chip and the joining terminal of said reading section.

18. An endoscope device according to claim 13, wherein

said optical adaptor comprises a coil,  
said reading section comprises a coil, and  
reading of said information from said optical adaptor to said reading section is  
performed by reading a resonance frequency between the coil of said optical adaptor and  
5 the coil of said reading section.

19. An endoscope device according to claim 13, wherein  
said optical adaptor comprises a resistor, and  
reading of said information from said optical adaptor to said reading section is  
10 performed by reading electrical resistivity of said resistor.

20. An endoscope device according to claim 13, wherein  
reading of said information from said optical adaptor to said reading section is  
performed by reading a concave or convex shape formed in said optical adaptor.

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21. An endoscope device according to claim 13, wherein  
said optical adaptor comprises a magnetic material, and  
reading of said information from said optical adaptor to said reading section is  
performed by reading a flux level of said magnetic material.

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22. An endoscope device according to claim 13, wherein  
said optical adaptor comprises an information display section, and  
reading of said information from said optical adaptor to said reading section is  
performed by reading information of said information display section.

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